

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077123.D
 Acq On : 23 Mar 2023 03:03
 Operator : JC\MD
 Sample : VN0322WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS02

Quant Time: Mar 23 03:45:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	344139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	609079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	541764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	239967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	281291	51.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	8.172	113	213431	50.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.080%			
50) Toluene-d8	10.572	98	756325	49.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.854	95	256047	47.556	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	69802	20.778	ug/l	99
3) Chloromethane	2.378	50	75894	21.888	ug/l	97
4) Vinyl Chloride	2.525	62	90745	24.246	ug/l	94
5) Bromomethane	2.966	94	71595	28.321	ug/l	95
6) Chloroethane	3.131	64	81239	34.304	ug/l	94
7) Trichlorofluoromethane	3.507	101	164152	20.388	ug/l	99
8) Diethyl Ether	3.972	74	55354	18.268	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	80163	17.552	ug/l	96
10) Methyl Iodide	4.607	142	91053	17.700	ug/l	92
11) Tert butyl alcohol	5.543	59	89420	111.634	ug/l	99
12) 1,1-Dichloroethene	4.349	96	73762	17.654	ug/l	90
13) Acrolein	4.196	56	91697	92.554	ug/l	98
14) Allyl chloride	5.043	41	144990	18.956	ug/l	94
15) Acrylonitrile	5.731	53	278548	103.440	ug/l	99
16) Acetone	4.443	43	249511	101.869	ug/l	92
17) Carbon Disulfide	4.725	76	180512	14.817	ug/l	97
18) Methyl Acetate	5.043	43	196835	21.311	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	290998	19.406	ug/l	98
20) Methylene Chloride	5.290	84	98198	18.473	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	81406	17.976	ug/l	87
22) Diisopropyl ether	6.684	45	326646	19.491	ug/l	94
23) Vinyl Acetate	6.619	43	1031918	97.578	ug/l	99
24) 1,1-Dichloroethane	6.584	63	175523	18.303	ug/l	98
25) 2-Butanone	7.489	43	375114	104.692	ug/l	95
26) 2,2-Dichloropropane	7.501	77	97283	13.482	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	96821	18.667	ug/l	96
28) Bromochloromethane	7.825	49	84361	20.257	ug/l	96
29) Tetrahydrofuran	7.848	42	242513	104.449	ug/l	100
30) Chloroform	7.972	83	177024	19.019	ug/l	97
31) Cyclohexane	8.260	56	141724	15.758	ug/l	91
32) 1,1,1-Trichloroethane	8.172	97	145966	18.348	ug/l	99
36) 1,1-Dichloropropene	8.378	75	117242	17.598	ug/l	97
37) Ethyl Acetate	7.572	43	153054	21.472	ug/l	95
38) Carbon Tetrachloride	8.372	117	122231	18.836	ug/l	97
39) Methylcyclohexane	9.607	83	132763	17.025	ug/l	96
40) Benzene	8.613	78	366446	18.136	ug/l	97

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41) Methacrylonitrile	7.784	41	80914	21.071	ug/l	93
42) 1,2-Dichloroethane	8.678	62	144480	19.789	ug/l	99
43) Isopropyl Acetate	8.695	43	230984	20.743	ug/l	99
44) Trichloroethene	9.360	130	82650	17.809	ug/l	98
45) 1,2-Dichloropropane	9.631	63	101362	18.888	ug/l	95
46) Dibromomethane	9.713	93	66180	19.554	ug/l	96
47) Bromodichloromethane	9.895	83	137167	19.324	ug/l	99
48) Methyl methacrylate	9.683	41	111433	20.932	ug/l	92
49) 1,4-Dioxane	9.701	88	39461	434.002	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	772770	111.443	ug/l	96
52) Toluene	10.636	92	222345	18.431	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	127211	18.285	ug/l	96
54) cis-1,3-Dichloropropene	10.319	75	139561	17.780	ug/l	91
55) 1,1,2-Trichloroethane	11.019	97	95313	20.035	ug/l	98
56) Ethyl methacrylate	10.878	69	142854	19.970	ug/l #	93
57) 1,3-Dichloropropane	11.166	76	163877	18.816	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	256314	84.045	ug/l	98
59) 2-Hexanone	11.201	43	553977	110.146	ug/l	94
60) Dibromochloromethane	11.360	129	94461	19.767	ug/l	100
61) 1,2-Dibromoethane	11.472	107	91011	19.292	ug/l	99
64) Tetrachloroethene	11.107	164	73203	20.133	ug/l	93
65) Chlorobenzene	11.895	112	231740	18.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	86525	18.759	ug/l	97
67) Ethyl Benzene	11.966	91	417715	18.449	ug/l	100
68) m/p-Xylenes	12.072	106	316105	37.645	ug/l	96
69) o-Xylene	12.401	106	158260	18.968	ug/l	95
70) Styrene	12.413	104	251024	19.325	ug/l	98
71) Bromoform	12.583	173	65228	20.870	ug/l #	97
73) Isopropylbenzene	12.701	105	398618	18.536	ug/l	98
74) N-amyl acetate	12.495	43	184386	19.809	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	145446	18.668	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	111927m	18.032	ug/l	
77) Bromobenzene	12.983	156	92260	19.151	ug/l	88
78) n-propylbenzene	13.042	91	452823	18.240	ug/l	98
79) 2-Chlorotoluene	13.130	91	281864	17.818	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	340042	18.939	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	34937	15.493	ug/l	89
82) 4-Chlorotoluene	13.224	91	264667	17.595	ug/l	96
83) tert-Butylbenzene	13.442	119	288001	19.105	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	340960	19.029	ug/l	100
85) sec-Butylbenzene	13.618	105	403569	18.820	ug/l	98
86) p-Isopropyltoluene	13.730	119	323327	18.775	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	164959	18.118	ug/l	98
88) 1,4-Dichlorobenzene	13.819	146	164206	18.127	ug/l	99
89) n-Butylbenzene	14.060	91	263133	17.417	ug/l	97
90) Hexachloroethane	14.336	117	61217	17.484	ug/l	89
91) 1,2-Dichlorobenzene	14.107	146	168679	18.586	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26151	18.114	ug/l	91
93) 1,2,4-Trichlorobenzene	15.395	180	70336	17.144	ug/l	97
94) Hexachlorobutadiene	15.501	225	42403	18.767	ug/l	99
95) Naphthalene	15.648	128	233078	15.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	72508	17.613	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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